

82-0502-01

## Emission Summary

Permit Number:

071052P

Source Status: New ☐ Modification ☐ Expansion ☐ Relocation ☐Permit Status: New ☒ Renewal ☐PSD ☐ NSPS ☒ NESHAPs ☒

Previous Permit Number:

Construction 970395P Operating \_\_\_\_\_

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard 1200-03-
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net			
TSP		0.31	0.31		0.077	0.077		05/28/15		06-.02(2)
SO <sub>2</sub>		0.15	0.15		0.037	0.037		05/28/15		14-.03(5)-BACT
CO		0.48	0.48		0.12	0.12		05/28/15		07-.07(2)
NMHC + NO <sub>x</sub>		1.10	1.10		0.27	0.27		05/28/15		40 CFR 60.4205(a)
HAP					neg.			05/28/15		
CO <sub>2</sub> e					117			05/28/15		
VOC		0.18	0.18		0.045	0.045		05/28/15		07-.07(2)

Source of the data is the construction permit application dated May 28, 2015.

The permittee has asked that the Tier I standards to be used for the engine.

The tons per year emission were calculated at 500 hours of operation per year based on the guidance found in the Seitz memo regarding the PTE determination for emergency engines. Allowable emissions for fee purposes are equal to the potential emissions.

The allowable emission limits from 40 CFR part 60 subpart IIII are in units of grams/kilowatt-hour. Each standard was reduced to lb/hr using the engine power output, in kilowatts, and a conversion factor of 453.592 grams per pound.

PERMITTING PROGRAM: AYDATE: 02/10/16